

Petr Stepanov

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Ph.D. graduate in physics with 5+ years of expertise in the user interface (UI) and user experience (UX) design. Strong web application and desktop software development skills.

Work Experience

Full-Stack Developer

[Sticker Store LLC](#), Portland, OR.

Feb 2023 - Current

Node.js Express.js Modular JavaScript

C++ Software Developer

[Thomas Jefferson National Laboratory \(JLab\)](#), Newport News, VA.

Jul 2020 - Jan 2023

CERN ROOT Geant4 High Energy Physics (HEP) High Performance Computing (HPC) C++ CMake

Software Developer • Postdoctoral Researcher

[Catholic University of America \(CUA\)](#), Washington, DC.

Jul 2020 - Jan 2023

Python Fast-Fast BNC Electronics Scintillation Single Photon Counting

Software Developer • Research Assistant

[Bowling Green State University \(BGSU\)](#), Bowling Green, OH.

Aug 2014 - May 2020

Data Analysis Wolfram Mathematica C++ Makefiles e+ Annihilation Spectroscopy

UI/UX Designer, Frontend Developer • Freelance

Sep 2012 - May 2020

Web Designer, Full Stack Web Developer

[Gridnine Systems](#), Moscow, Russia.

Apr 2011 - Aug 2014

Computer Science Teacher

[Phys-Tech College at MIPT](#), Moscow, Russia.

Oct 2009 - May 2011

Research Scientist

[Institute for Theoretical and Experimental Physics \(ITEP\)](#), Moscow, Russia.

Sep 2008 - Apr 2011

Education

Bowling Green State University (BGSU) • OH, United States

Aug 2014 - May 2020

Ph.D. in Photochemical Sciences • GPA 3.423. [Dissertation](#): Novel developments in positron spectroscopy (PAS).

British Higher School of Art and Design (BHSAD) • Moscow, Russia

Dec 2011 - Feb 2012

Three-month intensive in Graphical Design and Visual Communications (illustration, lettering, brand identity).

Professional Networks

- Find examples of my code [on GitHub](#) (50+ repositories).
- Discover my professional contacts [on LinkedIn](#) (200+ connections).
- Check out my UI and UX design portfolio [on Dribbble](#) (50+ shots).

Relevant Interests

- Hosting an open-source project for keyboard remapping on Linux [300+ stars on GitHub](#).
- Developed a persistent [RAMDisk plugin](#) for Linux that provides 50% increase in source code indexing time.
- Created two shared libraries for the ROOT data analysis framework [\[1, 2\]](#).